

286385

STATE OF MONTANA, }
County of Richland,

286385

Filed this 31 day of

December 63

at 9:45 o'clock A.M.

E. L. Keenan

County Clerk

E. Cook

for \$2.00
filed

GWS

File No.

TRIPPLICATE

T. R.

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 15 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug. 1963

Owner Henry D. Tolson address P. O. Box No. 117

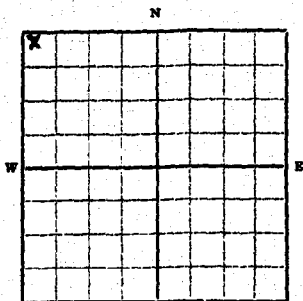
Contractor (if any) Joseph Provost

Address of Contractor Lambert, Montana

Date Started July 12 Date Completed July 16, 63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out a water pond

60 x 90 feet 6 feet deep



1/4 Sec. 22 T. 22 R. 23

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Summer months for water livestock

Signature of Owner Henry D. Tolson

Date Oct. 14, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triuplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA, } ss. 284841
County of Richland,

Filed this 14th day

Oct. 19 63

at 1:55 o'clock P. M.

E. L. Kosker

County Record

R. Atchison

Deputy

fee 2.00
filed

File No.

T. 22 N. 55 E. 33

DUPLICATE

County. Richland

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

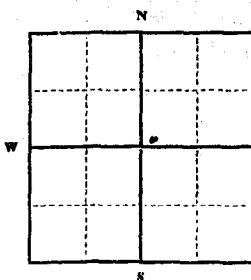
Owner. Erich Rust Address Farmington, MontDriller. Lloyd Salisbury Address Farmington, MontDate of Notice of appropriation of groundwater. Nov-2-1965Date well started. Oct 29-65 Date completed Nov-1-65Type of well. Bored Equipment used Boring machine
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground approx
(Elev. above sea level 2750)

0 to 1 top soil
1 to 10 fine sand
10 to 1 soft coal
11 to 20 fine sand
20 to 25 soft sand stone
25 to 26 grey clay
26 to 27 coal
27 to 30 grey clay
30 to 60 sandy clay
60 to 70 fine water sand
70 to 78 blue clay
78 to 79 coal - very hard
79 to 84 water sand
84 to 85 grey clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	26" 20" I.D.	0	85	3/8	60	85
	100# per ft					



Static Water Level for non-flowing well

60 feet.Shut-in Pressure for Flowing Well not the casePumping Water Level 82 feetat 5+ gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed not the caseLength of Test approx 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) Packed with washed gravel

N.E. 1/4 Sec 33 T. 22 N. R. 55 E.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Not the case

Show exact depth of bottom.

85 feet

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Lloyd Salisbury
Driller's Signature

39854

BWC _____ McDermott

Burt _____ M. N.

Coyne _____ Norton

Darlington _____ Sullivan

Dickert _____

File No.

DUPLICATE

T. 22^N R. 55^WCounty Richland

JAN 20 1964

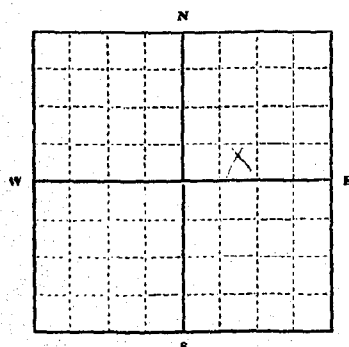
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ERICH POST, of LAMBERT
(Name of Appropriator) (Address) (Town)
County of RICHLAND State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 33 T. 22 R. 55

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.
stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1948 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
deep well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
1948 completed in 1948

8. The depth of water table.
60'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
4 ft wood casing 20 ft deep

10. The estimated amount of groundwater withdrawn each year.
100 gallons per day

11. The log of formations encountered in the drilling of each well if available.
not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Erich Post

Date 12-31-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29747

286453
STATE OF MONTANA, }
County of Richland, } ss. 286453

Filed this 31 day of
December A.D. 1963
at 10:53 o'clock, P.M.

E. L. Keesel
County Recorder

E. L. Keesel
Deputy

fee \$2.00
filed

File No.

T. R.

TRIPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 15 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Henry D. Takasawa Address Leahurst, Montana

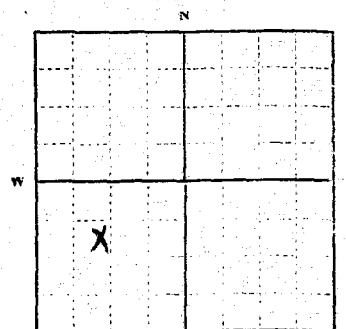
Contractor (if any)

Address of Contractor

Date Started

Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring (seep)



SW 1/4 Sec 34 T20 R22

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. 10 months

of the year. Through under ground trenches
the water flows into a hole from which it is
conveyed into a stock tank, sufficient amount
for 80 head of stock.

Signature of Owner Henry D. TakasawaDate Oct 14, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

284842

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 14 day of

October A.D. 19 63

at 1:57 o'clock P. M.

E. L. Kosker

County Recorder

G. Cook

Deputy

for \$ 200

File No.

T. 22 N R. 55 E

TRIPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

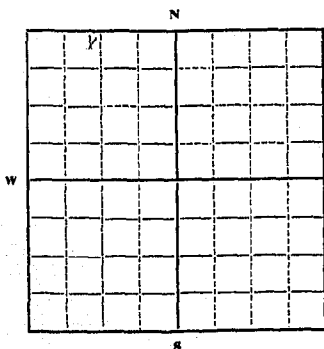
RECEIVED
OCT 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Henry D. Thorsen, of Helena, Montana,
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 34 T. 22 N. R. 55 E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.
watering of livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute). not known

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Pump with gas engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1952

8. The depth of water table. 90 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 24 inch well, 90 feet deep

10. The estimated amount of groundwater withdrawn each year. Do not know, only what the livestock needed

11. The log of formations encountered in the drilling of each well if available. Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Henry D. ThorsenDate Oct 7 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

6422.

284843

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 14 day of
October A. D. 19 63
at 1:59 o'clock, P.M.
E. L. Kerkow
County Recorder
R. Atchison
Deputy

See 200

File No. _____

T. 21 N. R. 56 E.

County RICHLAND

DUPLICATE

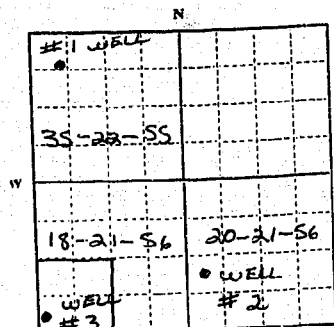
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CLARA THIESSEN ETAL, of LAMBERT MONT (Town)
(Name of Appropriator) (Address)
County of RICHLAND State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



35-22-55
SE 1/4 18-21-56
20-21-56
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based OPERATION OF RANCH AND WATER LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1932 ON
4. The amount of groundwater claimed (in miner's inches or gallons per minute) AT LEAST 5 GALLONS PER MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WINDMILLS AND PUMP JACKS
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 1932 #2 1932 #3 1918
8. The depth of water table UNKNOWN
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. #1 63 FEET 6" CAST IRON CURB. #2 90 FEET 16" STEEL CURBING #3 41 FEET 18" STEEL CURBING
10. The estimated amount of groundwater withdrawn each year 1,000,000 GALLONS
11. The log of formations encountered in the drilling of each well if available UNKNOWN
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Date

Arthur W. Bruch
by power of attorney
12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

296.53

STATE OF MONTANA, }
County of Blaine, } ss. 286359

Filed this 31

December A. D. 1963

at 9:19

E. L. Kaden

E. L. Kaden

Deputy

fee \$2.00
filed

File No.

DUPLICATE

T. 21 N. R. 55 E.
22 N. 55 E.
County DAWSON + RICHLANDSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-40

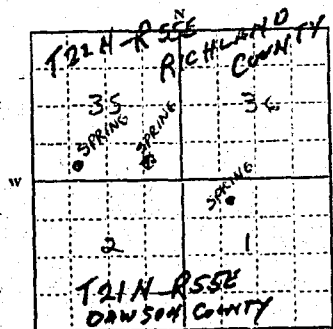
Owner CLARA THIESSEN Address LAMBERT MONT

Contractor (if any) BERT FULLER (DECEASED)

Address of Contractor LAMBERT MONT

Date Started 7-1-40 Date Completed 12-30-40

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. SPRINGS DEVELOPED FOR LIVESTOCK USE AND WHERE POSSIBLE FLOOD IRRIGATION



35 + 1 Sec. T. 21 N. R. 55 E.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. EACH SPRING FLOWS AT LEAST 5 GALLONS PER MINUTE. SPRING MARKED & RUNS INTO DAM FOR YEAR ROUND USE

Signature of Owner

Date 12-30-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

GROUNDWATER INDEX

Page 1 of 1

County Richland Twp. 22nd Rge. 5th

[illegible]

File No. _____

DUPLICATE

Top of Ground

(Elev. above sea level _____)

0879 brown sand clay
79-87 grey-green shale
87-94 grey shale small veins of coal
94-136 grey shale
136-140 sandstone water
140-142 grey shale

County **Richland**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner **Clinton Mullin** Address **Lambert, Mont**

Driller **Simpson Drig Co** Address **Sidney, Mont**

Date of Notice of appropriation of ground water _____

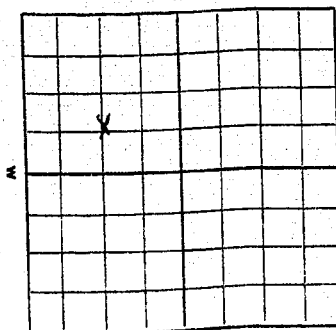
Date well started **22, June, 1964** Date Completed **24, June 1964**

Type of well **drilled** Equipment used **churn**
(dug, driven, bored or Churn, drill, rotary or
drilled) other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" 8.64#	0	138	none		



Static Water Level for non-flowing well
38 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level **125** feet
at **6** gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested **bathtub**

Length of Test **1 hr**

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if

used for irrigation) _____

open hole gravel-packed

138 - 142

Sec. 5 T22 R35
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

142 Show exact depth of bottom.

Simpson Drig Co
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

38234

STATE OF MONTANA, }
County of Richland, }

289417

Filed this 29 day of

June A. D. 1968

4:00 o'clock P. M.

E. L. Karker

County Recorder

D. Sullivan

Deputy

ju: #20
jiles

T. 22 N. R. 56 E
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 10 1951

WATER WELL LOG

STATE ENGINEER.

Owner Robert L. Dore Address box 807 Sidney
Driller Bert Fuller Address 2000 5th
Date Started Date Completed 1951
Location: Sec. 12 T. 22 R. 56 1/4 sec. S.W.

Type of well bored Equipment used Battery
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

Industrial ☐

Drainage ☐

Other:

Casing: 0 ft. to 23 ft. Type Galvanized Size 1 1/2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 20 to ft. 33 Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: feet at gal. per min.

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel packing, no shut-off

(over)

STATE OF MONTANA, } ss. 274720
County of Richland, }
Filed this 29 day of
at 3:40 A.D. 1961
E. L. Foster
County Recorder
A. J. Sullivan
Deputy

T. 22 N R 56 E

12

County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

	X	

Owner Robert L. Dote Address 607 S. 1st

Driller Address

Date Started 1953 Date Completed 1953

Location: Sec 12 T 22 R 56 1/4 sec SW

Type of well Dug Equipment used Shovel
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 12 ft. to 22 ft. Type Concrete Size 4 ft.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: feet at gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

STATE OF MONTANA, } ss. 274719
County of Richland,
Filed this 29 day of
March A. D. 1961
at 3:38 o'clock P.M.
E. J. Zooker
County Recorder
D. Sullivan
Deputy

File No.

T. 22N R. 36E

DUPLICATE

County. Richland

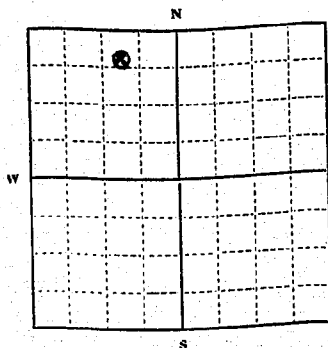
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. O. S. Kvaalen, of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW Sec. 18 T. 22N R. 36E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based stock water,
domestic water, garden and lawn irrigation
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1918—daily
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Land within 200 yards of well
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
Piston pump and electric water—on windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1918
8. The depth of water table 22 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater barred well, 25 inches diameter 25 feet deep
10. The estimated amount of groundwater withdrawn each year 10,000,000 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record None

Signature of Owner

O. S. KvaalenDate 31 Dec 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

30150

286912

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 3 day of

January A. D. 1964
at 9:50 clock, P. M.

E. J. Raabe
County Recorder
John D. Raabe
Deputy

for 200
filed

T. 22 N. R. 56 E

County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Oscar K. Kovalan Address Sidney Mont

Driller David Gulbrun Address Sidney Mont

Date Started 5/20/61 Date Completed 5/22/61

Location: Sec. 30 T. 22 R. 56 1/4 sec. 24

Type of well drilled Equipment used auger
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 105 ft. Type steel Size 4"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 93 to ft. 100 Ft. _____ to ft. _____

Type of screen or perforations 3/8" holes

Static Water level, for non-flowing well: 80 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 95 feet at 15 gal. per min.

How tested: bailey

Length of test: 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

gravel packed outside

(over)

Log of Well

[illegible]

File No.

T 22 N R 56 E

DUPLICATE

County Richland

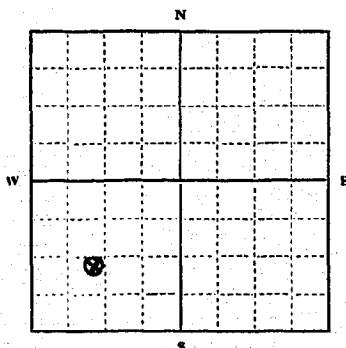
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnar S. Kvaalen, of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 30 T22N R56E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based steak water and domestic water -- garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1961 -- daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Used for garden and lawn irrigation within 100 yards of the well site
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 20 June 1961 and completed 20 June 1961
8. The depth of water table 80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Total depth 165 feet, 4" steel casing
10. The estimated amount of groundwater withdrawn each year 500,000 gallons 10,000,000
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Arnar S. KvaalenDate 31 Dec 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate to the Appropriator.

3048

286910

STATE OF MONTANA, } ss.
County of Richland,

Filed this 3 day of
January 1964.
at Billings clock 10 M.

E. L. Hoskin
County Recorder
John Burke
Deputy

fee 2⁰⁰
filed

GROUNDWATER INDEX

Page 1 of 7

County Richland Twp. 33 N Rge. 57 E

[illegible]

GWS

File No.

DUPLICATE

T. 22 N R. 57 E

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1962

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1943Owner Richard W. Hass Address Sidney, MontanaContractor (if any) None, natural flowAddress of Contractor - -Date Started - - Date Completed - -

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow, bubbling

spring which has been in existence on
owner's land since his purchase of the
property in 1943.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Continuous six inch flow from natural
spring, used for year-around stock
watering.

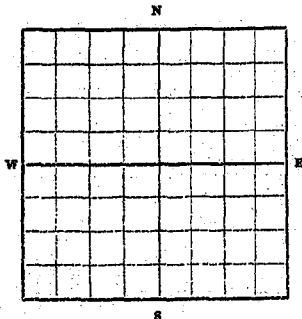
Signature of Owner Richard W. HassDate January 9, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



SE 1/4 Sec 5 T 22 R 57

Indicate point of appropriation and place of use, if possible.

274849

STATE OF MONTANA, }
County of Richland, }

Filed the 4th day of
January A. D. 19 62
At 1:21 o'clock P. M.
E. L. Grover
County Recorder
E. Hawley
Deputy

Filed for
300

T. 22 N R 57 E 7

County RICHMOND

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1955

WATER WELL LOG

STATE ENGINEER

	X		

Owner Robert L. Dore Address Box 907 Sidney

Driller Bob Evans Address Sidney

Date Started Date Completed 1955

Location: Sec. 7 T. 22 R. 57 1/4 sec. SW

Type of well Drilled Equipment used (Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 97 ft. Type CAST Size 6" INCH

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 27 to ft. 97 Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

STATE OF MONTANA,
County of Richland,

Filed this 29 day of Dec. A. D. 19 61
at 3:36 o'clock, P. M.
E. L. Zander
County Recorder
D. J. Sullivan
Deputy

274718

T. 22N R. 57E ¹⁰

County RICHLAND

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 17 1954

WATER WELL LOG

STATE ENGINEER

Owner JAMES O. DETHMAN Address Rt. 1 Box 247 SIDNEY
MONT.

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 10 T. 22 R. 57 $\frac{1}{4}$ sec. NE 4

Type of well BORED Equipment used _____
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 42 ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

STATE OF MONTANA, ss. 274715
County of Richland,
Filed this 29 day of Dec
at 3:30 o'clock P. M. A. D. 19 61
E. L. Hooker
County Recorder
D. Sullivan
Deputy

T. 22 N. R. 57 E. 10
County RICHMOND

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1 1952

WATER WELL LOG

STATE ENGINEER

Owner JAMES D. DEHMEN Address RT 1 Box 347 SIDNEY MONT.
Driller..... Address.....
Date Started..... Date Completed.....
Location: Sec 10 T 22 R 57 1/4 sec NE 4

Type of well BORED Equipment used.....
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other:.....

Casing: 0 ft. to 38 ft. Type..... Size.....
Casing:..... ft. to..... ft. Type..... Size.....
Casing:..... ft. to..... ft. Type..... Size.....

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations.....

Static Water level, for non-flowing well:..... feet.

Shut-in pressure, for flowing well:..... lb./sq. in. on:..... (date)

Pumping water level..... feet at..... gal. per min.....

How tested:.....

Length of test.....

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

.....
.....
.....
.....

(over)

STATE OF MONTANA, ss.
County of Richland,

Filed this 29 day of
Dec A. D. 19 61
3:34 o'clock, P.M.

E. J. Rankin
County Recorder
A. Sullivan
Deputy

274717

File No.

T. 22 N. R. 57 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

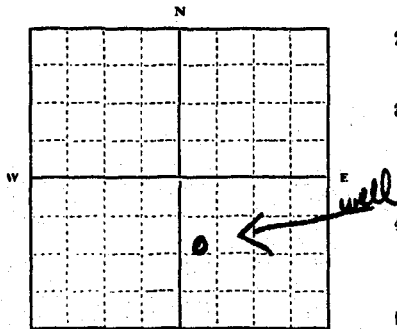
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. T. Merrill Jr., of 402 4th Street S. E. Sidney, Mont.
(Name of Appropriator) (Address) (Town)

County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 14, 22N. R. 57E
(See plat)

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.
Stock Watering, irrigation & Domestic.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
About 1932, continuous from that date to and including present time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
Approximately 2 acres in NW 1/4 Sec 14, T22N R 57E W. T. Merrill Jr.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Centrifugal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1932

8. The depth of water table. Approximately 41 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled, 18" casing, 41 foot depth
Groundwater withdrawn with electric centrifugal pump.

10. The estimated amount of groundwater withdrawn each year. 5,204,800 Gallons

11. The log of formations encountered in the drilling of each well if available.
Clay and gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None other available.

Signature of Owner W. T. Merrill Jr.

Date December 31st, 1963

Three copies to be filed: one with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29690

286396

STATE OF ARIZONA,
County of Maricopa,

Filed on 31 day of

December A.D. 1963

9:56 clock, A.M.

E. L. Kooker

Clerk of Superior Court

E. Cook

Deputy

for \$2.00
filed

File No.

JUL 18 1966

T. 22N R. 57E

DUPLICATE

County Richland

LOG

 Billie _____ McDermott _____
 Burton _____ McNulty _____
 Coyle _____ Morton _____
 Darlington _____ Sullivan _____

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 1940)

Notice of Completion of Groundwater Appropriation by Means of Well

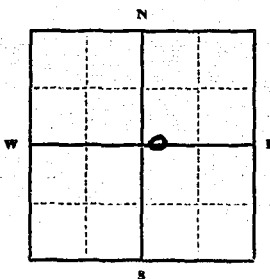
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Own James Rethman Address Sidney, Mont.Driller Roy J. Petersen Address Sidney, Mont.Date of Notice of appropriation of groundwater July 2 - '66Date well started June 30 - '66 Date completed July 2 - '66Type of well drilled Equipment used Cable tool
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 inch	6" O.D. 9WT. 10:50	Surface	62	1/2" round hole	46	62

Static Water Level for non-flowing well 36 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 46 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Drill BailerLength of Test 1 1/2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Casing is

SW 1/4 of NE 1/4 Sec. 17, T. 22N, R. 57E
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.
pea gravel packed outside casing, full depth, also cemented at top for sanitation

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

not so used

62 feet
 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 111

Roy J. Petersen
 Driller's Signature

410,31

STATE OF MONTANA, } ss. 298484
County of Richland,

Filed this. 15 day of

July A. D. 1966

at 11:28 o'clock, A. M.

Robert A. Hinkle

County Recorder

by E. A. Hinkle

Deputy

Fee \$2.00

Filed

File No.

T. 22 N. R. 57 E. 18

DUPLICATE

County Richmond

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

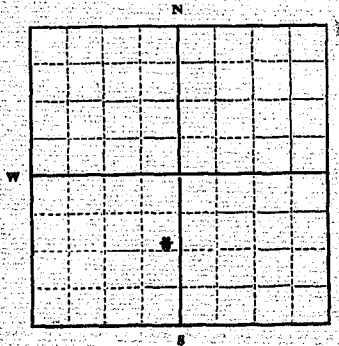
JAN 10 1964

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1945Owner Louie C. Amvick Address Rt 1 Box 18Contractor (if any) noneAddress of Contractor noneDate Started 1945 Date Completed 1945

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring

24 1/4 Sec. 18 T. 22 R. 57

Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

16,000 gals. a day per cow, 20 cows for 7 months
estimate approximate lengths or periods of use.

Signature of Owner

Louie C. AmvickDate Jan 3, 1964

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

286868

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 3 day of
January A. D. 1964
at 9 o'clock, P.-M.

E. L. Kroger
County Recorder
E. L. Kroger
Deputy

See 3200
Filed

File No.

T. 22

R. 5

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

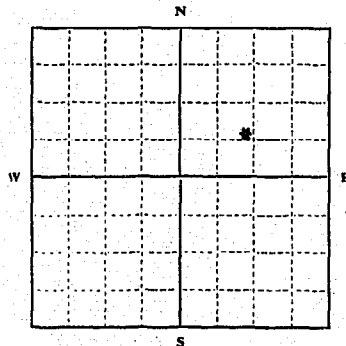
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis C Anvik of Rt 1 Box 245 Sidney
(Name of Appropriator) (Address) (Town)

County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.
Stock and household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
garden and lawn; 1/2 acre; 18-22-57; Louis Anvik

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

Pressure Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1949

8. The depth of water table. 90 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled, 120 feet, 6 inch

10. The estimated amount of groundwater withdrawn each year. 500,000 gallons

11. The log of formations encountered in the drilling of each well if available. none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Louis C. Anvik

Date Jan 3, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

30124

286867

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 3 day of

January A. D. 1964

at 9:51 o'clock, P.M.

E. L. Kosken
County Recorder

E. Leach
Deputy

fee \$2.00
filed

File No. _____

DUPLICATE

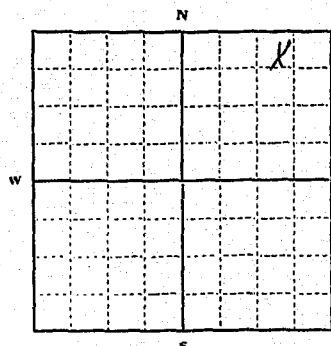
T 22nd 57th 26
County RichlandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Emil Link, of Rt. 1, Box 23 Sidney,
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 26, T. 22, R. 57

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household
farm & all farm uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 every year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump & Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
8. The depth of water table 55 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 75 ft
drilled 18" hole
10. The estimated amount of groundwater withdrawn each year 40,000 or 50,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Emil Link

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29568

STATE OF MONTANA, } ss. 286269
County of Richland.

Filed this 30 day

December A. D. 19 63

at 3:33 P. M.

6 L. Rogers

County Recorder

William L. Lierke

Deputy

for \$2.00

filed

County RICHLAND

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 1 1971

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Loyd Becker
Address SIDNEY,
MONT. 59270
Date well started 8-9-71
completed 8-30-71

For Administrator's Use	
File	<u>320960</u>
Date	<u>Nov. 30, 1971</u>
Time	<u>11:17 AM</u>
GW 1	

Type of well DRILLED
(Dug, driven, bored or drilled)
Equipment used Churn DRILL
(Churn drill, rotary or other)

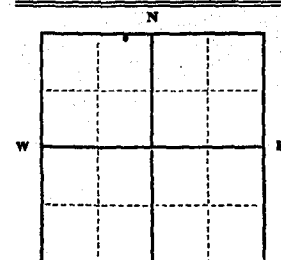
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 3,000,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>7"</u>	<u>6" 10.0</u> <u>19 #</u> <u>P/F.</u>	<u>0</u>	<u>257</u>			



NE 1/4 NW 1/4 Sec. 37
T. 22 N. R. 57 W.

Static water level 183 ft.*
Pumping water level 240 ft.*
at 12 gallons per minute,
measured 12 minutes after pumping
began.

*Measured from ground level.
Well developed by BAYER
for 2 hours.

Power Pump HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Gravel packed FROM
351 to 360

6" Drive Shoe Wellhead

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature David Gulhaas

Driller's Address RT. 1 BOX 203-B

SIDNEY, MONT. 59270 LICENSE NO. 94

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>33</u>	<u>Gravel</u>
<u>33</u>	<u>89</u>	<u>Gravel & yellow clay</u>
<u>89</u>	<u>144</u>	<u>Yellow sandy clay</u>
<u>144</u>	<u>147</u>	<u>Coal</u>
<u>147</u>	<u>153</u>	<u>Blue clay</u>
<u>153</u>	<u>163</u>	<u>Blue sandy clay</u>
<u>163</u>	<u>163</u>	<u>Coal</u>
<u>163</u>	<u>184</u>	<u>Blue sandy clay</u>
<u>184</u>	<u>201</u>	<u>Blue clay</u>
<u>201</u>	<u>209</u>	<u>Blue sandy clay</u>
<u>209</u>	<u>230</u>	<u>Blue clay</u>
<u>230</u>	<u>245</u>	<u>Blue sandy clay</u>
<u>245</u>	<u>259</u>	<u>Blue sand - Water</u>
<u>259</u>	<u>260</u>	<u>Blue clay</u>

260 Show exact depth of bottom

49507

STATE OF MONTANA, } ss. 320960
County of Richland,

Filed this 30 day of

nov A. D. 19 71

at 11:17 o'clock, P. M.

Walter Bierke
County Recorder

Gene Paladichuk
Deputy

Filed

Fee: \$ 2.00

NOV 30 1971
CLERK

30

File No.

T. 22 N. R. 57 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

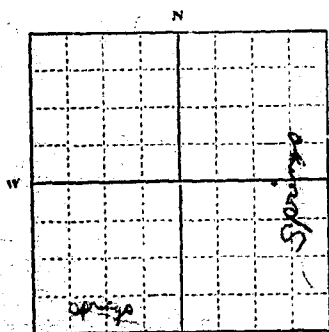
JAN 10 1964

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1945Owner Nancy Mae Thiessen et al Rt. 1 Savage, Mont.Contractor (if any) Not applicableAddress of Contractor Not applicableDate Started Not applicable Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural springs that are dredged occasionally.



2 1/2 of
SW 1/4 of Sec 30, T. 22 R. 57

Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount: If use is intermittent

estimate approximate lengths of periods of use Two or three months each year.

Signature of Owner Nancy Mae Thiessen et alDate Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

29877

286586

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 31 day of
December A. D. 19 63
at 1:06 o'clock P.M.

E. R. Koster
County Recorder
E. Koster
Deputy

fee \$2.00
filed

File No.

T. 22 R. 57

DUPLICATE

County

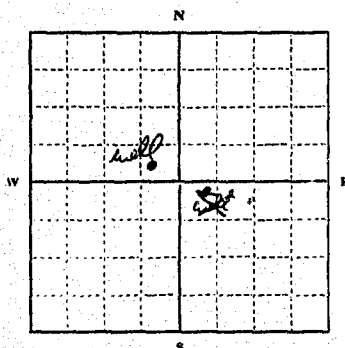
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Nancy Mae Thiessen et al of Route One Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 30 T. 22 R. 57

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 Every season for livestock

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not applicable

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill pump location is SE 1/4 Sec. 30-22-57

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957

8. The depth of water table 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Bored 24", depth is 40 to 50 Feet.

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

11. The log of formations encountered in the drilling of each well if available Not applicable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Nancy Mae Thiessen et al

Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29665

STATE OF MONTANA, } ss. 286371
County of Richland,

I, 31 day of

Dec. A.D. 1963

at 9:31 o'clock, P.M.

E. L. Kooker

County Clerk

R. Atchison

Deputy

fee: 2.00

filed

File No.

DUPLICATE

T 22^N R 57^E

County

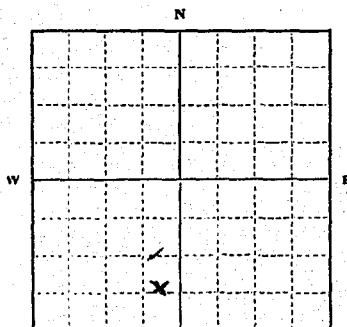
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lytle Larson, of Route 1 Swage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 31 T. 22 R. 57

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 - in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 Gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Running Spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Natural Spring
8. The depth of water table Surface level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater none
10. The estimated amount of groundwater withdrawn each year 350,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Lytle LarsonDate Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

29972

STATE OF MONTANA, } ss. 286678
County of Richland,

Filed this 31 day of
Dec. A. D. 19 1913
at 2:38 o'clock P. M.

B. P. Kneken
County Recorder
R. A. Johnson
Deputy

fee: 200
filled

File No.

T. 22 E R 58 E MPM

DUPLICATE

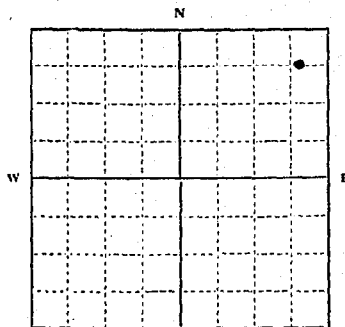
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1890Owner Robert E. Schilling Address Sidney, Mont.Contractor (if any) Developed by formerAddress of Contractor ownerDate Started unknown Date Completed unknownDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Flowing Spring

NE 1/4 Sec. 1 T22 R58
Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. measured
at 2 g.p.m. - continuous use.Signature of Owner Robert E. SchillingDate Dec. 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA, } ss. 286346
County of Richland,

Filed this 31 day of
December A.D. 1962
at 8:46 o'clock P.M.

E. L. Koppes
County Recorder
Helmut Luerke
Deputy

for \$2.00
filed

File No.

T. 22 R. 58 E. NPM.

DUPLICATE

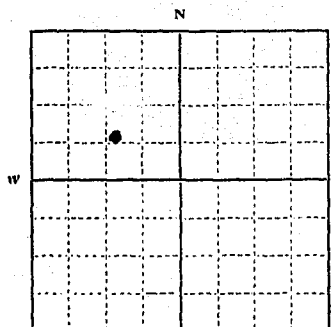
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1900Owner Robert E. Schilling Address Sidney, Mont.Contractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed NoneDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow spring

SE 1/4 NW Sec. 2 T. 22 R. 58

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

estimated 2 g.p.m. -
continuous use.Signature of Owner Robert E. SchillingDate Dec. 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA, } ss. 286327
County of Richland

Filed this 31 day of
December A.D. 1963
at 1:42 o'clock

E. L. Hoger
County Clerk
Hein Dierke
Deputy
for \$2.00
filed

GW 3

File No.

DUPLICATE

Approved Stock Form, State Publishing Co., Helena, Montana—42262

RECEIVED

MAY 20 1964

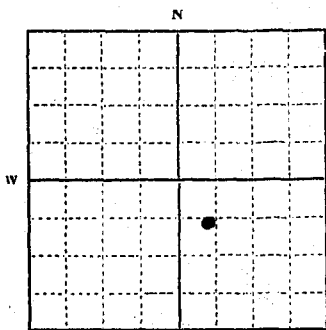
22 N. R. 58 E. MPM
County RichlandSTATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1900Owner Robert E. Schilling address Sidney, Mont.Contractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed NoneDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Flow springNW 1/4 SE Sec. T. R.
Indicate point of appropriation
and place of use, if possible.2-22-58
?

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

estimated 6 g.p.m. - stockwater
continuous use.Signature of Owner Robert E. SchillingDate Dec. 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiator.